CLAIMS

We Claim:

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- 1. A format management method for transferring and converting, over a network, a profile of a

 first specific format, to a second related format with respect to a receiving computer-based device, so

 that the receiving computer-based device will have a substantially similar operating environment to

 that associated with said profile, said method comprising:
 - a. downloading a software module onto said receiving computer-based device;
 - b. identifying via said software module a first directive file, comprising a profile of a first specific format, located on a remote storage device, said first profile comprising application settings, files, and other data;
 - c. checking if said recipient computer's platform supports said first specific format associated with said first directive file, and if said recipient computer requires a second related format;
 - d. converting said first directive file of said first specific format to a second directive file of said second related format compatible with said receiving computer-based device;
 - e. receiving said second directive file of second related format, compatible with said receiving computer-based device, from said storage device to said receiving computer-based device, and said second directive file of second related format comprising of application settings, files, and other data is installed on said receiving computer-based device such that said receiving device
 - has a substantially similar operating environment to that associated with said stored profile.

- 2. 1
- A format management method for transferring and converting, over a network, a profile of a
- first specific format, to a second related format with respect to a receiving computer-based device, as
- per claim 1, wherein said step of converting further comprises: 3
- identifying a format associated with said computer-based device requesting said directive 4
- file; 5

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- parsing said directive file associated with said requesting computer-based device to extract 6
- markup data; 7
- identifying a stylesheet, corresponding to said identified format; 8
 - applying said identified stylesheet to said markup data from said parsed directive file;
 - rendering said markup data, along with said applied stylesheet, in said identified format
 - compatible with said receiving computer-based device.
 - A format management method for transferring and converting, over a network, a profile 3.
 - of a first specific format, to a second related format with respect to a receiving computer-based
 - device, as per claim 1, wherein said network is any of the following: HTTP-based, Internet, wide
 - area networks (WANs), local area networks (LANs), virtual LANs, wireless, web, or
- telecommunication based. 5
- A format management method for transferring and converting, over a network, a profile 4. 1
- of a first specific format, to a second related format with respect to a receiving computer-based 2
- device, as per claim 1, wherein said receiving computer is any of the following: personal 3
- computer systems, laptops, portable computers, web and WAP phones. 4

- A format management method for transferring and converting, over a network, a profile 6. 1 of a first specific format, to a second related format with respect to a receiving computer-based 2 device, as per claim 1, wherein said network is an enterprise network and said remote storage 3 device is an enterprise server.
 - A format management method for transferring and converting, over a network, a profile 7. of a first specific format, to a second related format with respect to a receiving computer-based device, as per claim 1, wherein said settings comprise any of the following: hardware settings, system settings, attached device settings, application settings, document settings, desktop settings, e-mail settings, addressbook settings, bookmarks, or cookies.

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1.7 A format management method for transferring and converting, over a network, a profile 8. ĨĪ of a first specific format, to a second related format with respect to a receiving computer-based 2 device, as per claim 1, wherein said software module is written in an object-oriented higher level 3 language.

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- A format management method for transferring and converting, over a network, a profile of a 10. first specific format, to a second related format with respect to a receiving computer-based device, so that the receiving computer-based device will have a substantially similar operating environment to that associated with said profile, said method comprising: 4
 - a. downloading a software module onto a first computer-based device;
 - b. identifying, via said software module, a profile of a first specific format located on said first computer-based device, said profile comprising applications settings, files, and other data;
 - c. creating a first markup file comprising said identified profile;
 - d. transferring said first markup file onto a remote storage device;
 - e. downloading a software module onto a receiving computer-based system associated with a second specific format;
 - f. identifying, via said software module, said first directive file with said identified profile of said first specific format located on said remote storage device;
 - g. comparing said first specific format to said second specific format, and if said compared formats are different;
 - h. converting said first directive file of said first specific format to a second directive file of said second related format compatible with said receiving computer-based device;
 - i. transferring said second directive profile to said receiving computer-based device, and
 - j. installing said second directive file on said receiving computer-based device such that

said receiving device has a substantially similar operating environment to that associated with said first computer-based device.

1 11. A format management method for transferring and converting, over a network, a profile of a 2 first specific format, to a second related format with respect to a receiving computer-based device, as

per claim 10, wherein said step of converting further comprises:

identifying a format associated with said computer-based device requesting said profile;

parsing said first directive file associated with said requesting computer-based device to extract markup data;

identifying a stylesheet, corresponding to said identified format;

applying said identified stylesheet to said markup data from said parsed first directive file;

rendering said markup data, along with said applied stylesheet, in said identified format

compatible with said receiving computer-based device.

- 12. A format management method for transferring and converting, over a network, a profile of a first specific format, to a second related format with respect to a receiving computer-based device, as per claim 10, wherein said network is any of the following: HTTP-based, Internet, wide area networks (WANs), local area networks (LANs), virtual LANs, wireless, web, or
- 5 telecommunication based.

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- 1 13. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a second related format with respect to a receiving computer-based
- device, as per claim 10, wherein said receiving computer is any of the following: personal
- 4 computer systems, laptops, portable computers, web and WAP phones.
- 1 14. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a second related format with respect to a receiving computer-based
- device, as per claim 10, wherein said markup language is any of the following: XML, SGML, or
- 4 HTML.
 - 15. A format management method for transferring and converting, over a network, a profile of a first specific format, to a second related format with respect to a receiving computer-based device, as per claim 10, wherein said network is an enterprise network and said remote storage device is an enterprise server.
- device is an enterprise server.

 16. A format management method for transferring and converting, over a network, a profile of a first specific format, to a second related format with respect to a receiving computer-based
- device, as per claim 10, wherein said settings comprise any of the following: hardware settings,
- system settings, attached device settings, application settings, document settings, desktop
- 5 settings, e-mail settings, addressbook settings, bookmarks, or cookies.

- 1 17. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a second related format with respect to a receiving computer-based
- device, as per claim 10, wherein said software module is written in an object-oriented higher
- 4 level language.
- 1 18. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a second related format with respect to a receiving computer-based
- device, as per claim 10, wherein said software module further includes ActiveX support.

- 1 19. A format management system for converting and transferring, over a network, a profile of a
 2 first specific format, comprising computer-based settings, files, and other data, to a second related
 3 format with respect to a receiving computer-based device, so that the receiving computer-based
 4 device will have a substantially similar operating environment to that associated with the first
 5 profile, said system comprising:
 - a. a network server, said network server operatively connect to one or more remote computer-based devices, said network server receiving at least one request for a specific profile from said one or more remote computer-based devices;

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- b. a software module, operable with said network server, determining a format of said at least one requestor;
- c. a first set of one or more mark-up based directive(s), located in said network server, said directive(s) associated with said specific profile;
- d. a format management module converting said first set of directives to a format compatible with said determined format, and
- said software module parsing said converted directives and installing said settings, files, and other data to provide a new operating environment for the receiving computer-based device.

- a markup language publisher;
- a markup language parser;
- a stylesheet processor, and

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- wherein said markup language publisher identifies a format associated with said receiving computer-based device requesting said directive file, calls said markup language parser to parse the content of said directive file, and calls said stylesheet processor to apply a stylesheet corresponding to said identified format to output markup data in said format compatible with said receiving computer-based device.
- 21. A format management system for transferring and converting, over a network, a first profile of a first specific format, to a second related format with respect to a receiving computer-based device, as per claim 19, wherein said network is any of the following: HTTP-based, Internet, wide area networks (WANs), local area networks (LANs), virtual LANs, wireless, web, or telecommunication based.

- 22. A format management system for transferring and converting, over a network, a first
- 2 profile of a first specific format, to a second related format with respect to a receiving computer-
- based device, as per claim 19, wherein said receiving computer is any of the following: personal
- 4 computer systems, laptops, portable computers, web and WAP phones.
- 23. A format management system for transferring and converting, over a network, a first
- profile of a first specific format, to a second related format with respect to a receiving computer-
- based device, as per claim 19, wherein said markup language is any of the following: XML,
- 4 SGML, or HTML.

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- A format management system for transferring and converting, over a network, a first profile of a first specific format, to a second related format with respect to a receiving computer-based device, as per claim 19, wherein said network is an enterprise network and said remote storage device is an enterprise server.
- 25. A format management system for transferring and converting, over a network, a first profile of a first specific format, to a second related format with respect to a receiving computer-
- based device, as per claim 19, wherein said settings comprise any of the following: hardware
- settings, system settings, attached device settings, application settings, document settings,
- desktop settings, e-mail settings, addressbook settings, bookmarks, or cookies.

- 1 26. A format management system for transferring and converting, over a network, a first
- profile of a first specific format, to a second related format with respect to a receiving computer-
- based device, as per claim 19, wherein said software module is written in an object-oriented
- 4 higher level language.
- 1 27. A format management system for transferring and converting, over a network, a first
- profile of a first specific format, to a second related format with respect to a receiving computer-
- based device, as per claim 19, wherein said software module further includes ActiveX support.

- 1 28. A format management method for transferring and converting, over a network, a profile of a
- 2 first specific format, to a related format with respect to a computer-based device requesting said
- profile, so that the requesting computer-based device will have a substantially similar operating
- environment to that associated with said profile, said method comprising:
 - a. receiving a request for a profile comprising settings, files, and other data from a computer-based device;
 - b. identifying a format compatible with said requesting computer-based device;
 - c. extracting a first directive file representative of said identified format;
 - d. parsing said first directive file to extract markup data;
 - e. identifying a stylesheet corresponding to said identified format;
 - f. rendering said markup data with said stylesheet in said format compatible with said computer-based device;
 - g. transporting said rendered data to said requesting computer-based device, and
 - h. parsing rendered data to extract said profile, and installing said settings, files, and other data in corresponding locations, such that the requesting computer-based device has a similar computing environment to that associated with said extracted first directive file.
- 1 29. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a related format with respect to a computer-based device requesting
- said profile, as per claim 28, wherein said rendered data is encapsulated in a second directive
- 4 file.

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- 1 30. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a related format with respect to a computer-based device requesting
- said profile, as per claim 28, wherein said requesting computer-based device is any of the
- following: personal computer systems, laptops, portable computers, printer systems, facsimile
- 5 systems, web or WAP phones.

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- 1 31. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a related format with respect to a computer-based device requesting
- said profile, as per claim 28, wherein said directive files are in any of the following markup
 - language formats: XML, SGML, HTML, or WML.
 - 32. A format management method for transferring and converting, over a network, a profile of a first specific format, to a related format with respect to a computer-based device requesting said profile, as per claim 29, wherein said directive files are in any of the following markup language formats: XML, SGML, HTML, or WML.
 - 33. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a related format with respect to a computer-based device requesting
- said profile, as per claim 28, wherein said network is any of the following: HTTP-based,
- Internet, WANs, LANs, virtual LANs, wireless, web, or telecommunication based.

- of a first specific format, to a related format with respect to a computer-based device requesting
- said profile, as per claim 28, wherein said step of transporting said rendered data is accomplished
- 4 via JavaBeans.

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- 1 35. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a related format with respect to a computer-based device requesting
- said profile, as per claim 28, wherein said stylesheet is in an XSL format.
 - 36. A format management method for transferring and converting, over a network, a profile of a first specific format, to a related format with respect to a computer-based device requesting said profile, as per claim 28, wherein said settings comprise any of the following: hardware settings, system settings, attached device settings, application settings, document settings, desktop settings, e-mail settings, addressbook settings, bookmarks, or cookies.
 - 37. A format management method for transferring and converting, over a network, a profile of a first specific format, to a related format with respect to a computer-based device requesting said profile, as per claim 28, wherein said step of transporting rendered data is accomplished via
- 4 the simple object access protocol (SOAP).
- 1 38. A format management method for transferring and converting, over a network, a profile
- of a first specific format, to a related format with respect to a computer-based device requesting
- said profile, as per claim 28, wherein said network is an enterprise network and said remote
- storage device is an enterprise server.

A format management method for transferring and converting, over a network, a profile of a first specific format, to a related format with respect to a computer-based device requesting said profile, as per claim 28, wherein said method further comprises the step of caching the rendered data for future access by said requesting computer-based device.

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- 40. A format management method for transferring and converting, over a network, a profile comprising settings, files, and other data of a first specific format, to a related format with respect to a telephone requesting said profile, so that the requesting telephone will have a substantially similar operating environment to that associated with said profile, said method comprising:
 - a. receiving a request for a profile comprising settings, files, and other data from a telephone;
 - b. identifying a format compatible with said requesting telephone;
 - c. extracting a first directive file representative of said identified format compatible with said requesting telephone;
 - d. parsing said first directive file to extract markup data;
 - e. identifying a stylesheet corresponding to said identified format;
- 12 f. rendering said markup data with said stylesheet in said format compatible with said 13 telephone;
 - g. transporting said rendered data to said requesting telephone, and
 - h. parsing rendered data to extract said profile, and installing said settings, files, and other data in corresponding locations, such that said requesting telephone has a similar computing environment to that associated with said extracted first directive file.

- 1 41. A format management method for transferring and converting, over a network, a profile
- 2 comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 40, wherein said rendered data is
- 4 encapsulated in a second directive file.
- 1 42. A format management method for transferring and converting, over a network, a profile
- 2 comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 40, wherein said requesting telephone
- is any of the following: portable telephones, cellular phones, web or WAP phones.
- 43. A format management method for transferring and converting, over a network, a profile comprising settings, files, and other data of a first specific format, to a related format with respect to a telephone requesting said profile, as per claim 40, wherein said directive files are in any of the following markup language formats: XML, SGML, HTML, or WML.
- any of the following markup language formats: XML, SGML, HTML, or WML.

 any of the following markup language formats: XML, SGML, HTML, or WML.

 44. A format management method for transferring and converting, over a network, a profile comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 41, wherein said directive files are in
- any of the following markup language formats: XML, SGML, HTML, or WML

- 1 45. A format management method for transferring and converting, over a network, a profile
- 2 comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 40, wherein said network is any of the
- following: HTTP-based, Internet, WANs, LANs, virtual LANs, wireless, web, or
- 5 telecommunication based.
- 1 46. A format management method for transferring and converting, over a network, a profile
- 2 comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 40, wherein said step of transporting
- said rendered data is accomplished via JavaBeans.
- A format management method for transferring and converting, over a network, a profile
 - comprising settings, files, and other data of a first specific format, to a related format with
 - respect to a telephone requesting said profile, as per claim 40, wherein said stylesheet is in an
 - XSL format.

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- 48. A format management method for transferring and converting, over a network, a profile
- 2 comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 40, wherein said settings comprise any
- of the following: hardware settings, system settings, attached device settings, application
- settings, document settings, desktop settings, e-mail settings, addressbook settings, bookmarks,
- 6 or cookies.

- 1 49. A format management method for transferring and converting, over a network, a profile
- comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 40, wherein said step of transporting
- rendered data is accomplished via the simple object access protocol (SOAP).
- 50. A format management method for transferring and converting, over a network, a profile
- 2 comprising settings, files, and other data of a first specific format, to a related format with
- respect to a telephone requesting said profile, as per claim 40, wherein said network is a
- enterprise network and said remote storage device is a enterprise server.

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51. A format management method for transferring and converting, over a network, a profile comprising settings, files, and other data of a first specific format, to a related format with respect to a telephone requesting said profile, as per claim 40, wherein said method further comprises the step of caching the rendered data for future access by requesting telephone.